

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	48793	(hop beta\$2acidhop adj acid alpha\$2acid beta\$2acid isomer\$4 near2 acid alpha adj acid beta adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/02 08:11
S2	508533	(potassium adj hydroxide sodium adj hydroxide hydroxide alcali)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:00
S3	9139	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:00
S4	712	S1 same S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:00
S5	332	S1 with S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:01
S6	214	S1 near12 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:01
S7	51	S5 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:02
S8	75	S4 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:02
S9	51	S7 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:02
S10	38	S6 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 09:29
S11	48793	(hop beta\$2acidhop adj acid alpha\$2acid beta\$2acid S1 alpha adj acid beta adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:06

## EAST Search History

S13	1535	S11 and S2 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:05
S15	7	S11 same S2 same yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:05
S16	75	S11 same S2 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:05
S17	34834	(hop beta\$2acid hop adj acid alpha\$2acid beta\$2acid alpha adj acid beta adj acid humulone lupulone isohumulone isolupulone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:07
S18	34744	(hop beta\$2acid hop adj acid alpha\$2acid beta\$2acid alpha adj acid beta adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:08
S19	146	S18 same S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:08
S20	40	S19 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:08
S21	0	("2004/0044087").URPN.	USPAT	OR	ON	2007/02/28 10:29
S22	226	S18 same (ethanol spirit distill\$4 vodka cognac bourbon)	USPAT	OR	ON	2007/02/28 10:29
S23	2	("3932603"   "5286506").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/28 10:32
S24	2	("2550255").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/28 10:33
S25	6	("1449111"   "5082975"   "5166449"   "5286506"   "5370863").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/28 10:35
S26	6	("1449111"   "5082975"   "5166449"   "5286506"   "5370863").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/28 11:46
S27	2	("5,827,895").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 12:13

## EAST Search History

S28	0	((("L18same") or ("Saccharomycesadjcerevisiae yeast"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 12:15
S29	700	S18 same (Saccharomyces adj cerevisiae yeast)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:15
S30	456	S18 with (Saccharomyces adj cerevisiae yeast)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:25
S31	102	anti\$2microb\$4 with S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 13:04
S32	2	("4918240").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 13:05
S33	2	("4282529").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 13:06
S34	2	("4282259").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 13:06
S35	4	("4104409").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/28 13:07
S36	28	("3044879" "3798332" "4104409" "4282259" "4324810" "4759941" "4918240" "5013571" "5200227" "5583262" "5624701" "5917093").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/28 13:07
S37	2	("5082975").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 09:29
S38	2	S37 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 10:40
S41	2	("5286506").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 13:13

## EAST Search History

S43	0	S41 and hop and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 13:14
S44	2	S41 and hop	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 13:19
S45	0	S41 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 13:14
S46	2	("6251461").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/01 13:22
S47	1	S46 and yeast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 13:54
S48	237	distill\$7 same hop	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 13:54
S49	153	distill\$7 with hop	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:27
S50	14	"765839"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:27
S51	2	("5082975").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/02 08:11
S52	2	S51 and (yast or hop or acid or temperature or concentration or ppm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/02 08:12
S53	2	S51 and (yeast or hop or acid or temperature or concentration or ppm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/02 14:50
S54	162	iso\$2alpha adj acid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/02 15:28
S55	1	(US-4002683-\$).did.	USPAT	OR	ON	2007/03/02 15:28

## EAST Search History

S56	1	S55 and (advantage or humulinic or off-taste)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/02 15:29
-----	---	---	---	----	----	------------------